

NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3/5/99 are:A  approved by the Draftsperson under 37 CFR 1.84 or 1.152.B  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color. — Color drawings are not acceptable until petition is granted. Fig(s) _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) — Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b) — 1 full-tone set is required. Fig(s) _____	9. SCALE. 37 CFR 1.84(k) — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
— Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i) — Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1/5</u>
— Poor quality (half-tone). Fig(s) _____	11. SHADING. 37 CFR 1.84(m) — Solid black areas pale. Fig(s) _____ — Solid black shading not permitted. Fig(s) _____ — Shade lines, pale, rough and blurred. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e) — Paper not flexible, strong, white, and durable. Fig(s) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) — Numbers and reference characters not plain and legible. Fig(s) _____
— Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	— Figure legends are poor. Fig(s) _____
— Mylar, vellum paper is not acceptable (too thin). Fig(s) _____	— Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: — 21.0 cm by 29.7 cm (DIN size A4) — 21.6 cm by 27.9 cm (8 1/2 x 11 inches) — All drawing sheets not the same size. Sheet(s) _____	— English alphabet not used. 37 CFR 1.84(p)(2) Figs _____
— Drawings sheets not an acceptable size. Fig(s) _____	— Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	13. LEAD LINES. 37 CFR 1.84(q) — Lead lines cross each other. Fig(s) _____ — Lead lines missing. Fig(s) _____
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) — Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____	15. NUMBERING OF VIEWS. 37 CFR 1.84(u) — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) — Brackets needed to show figure as one entity. Fig(s) _____	16. CORRECTIONS. 37 CFR 1.84(w) — Corrections not made from prior PTO-948 dated _____
— Views not labeled separately or properly. Fig(s) _____	17. DESIGN DRAWINGS. 37 CFR 1.152 — Surface shading shown not appropriate. Fig(s) _____ — Solid black shading not used for color contrast. Fig(s) _____
— Enlarged view not labeled separately or properly. Fig(s) _____	
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) — Hatching not indicated for sectional portions of an object. Fig(s) _____	
— Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	

## COMMENTS

REVIEWER AJ DATE 5/5/99 TELEPHONE NO. \_\_\_\_\_

ATTACHMENT TO PAPER NO. \_\_\_\_\_